IN THE CLAIMS:

[Please cancel claims 21-46.]

[Please add the following new claims:]

Sub(1)

1 47.   (New) A data modem, comprising:

2   a data selector to receive digital data and extract a video data stream and an

3 associated data stream from the digital data, the video data stream being coded in a series

4 of video scan intervals of the digital data and the associated data stream being coded in a

5 series of nonvideo scan intervals of the digital data;

6   a video queue coupled to the data selector, the video queue to receive the video

7 data stream and assemble corresponding video packets; and

8   an associated data queue coupled to the data selector to receive the associated data

9 stream and assemble corresponding associated data packets, the associate data packets to

10 specify at least one graphical command, the graphical command comprising a command

11 that specifies a set of parameters to configure a video display based on the video packets.

1 48.   (New) The data modem of claim 47, further comprising an audio queue coupled

2 to the data selector, the data selector to extract an audio data stream from the digital data,

3 the audio queue to receive the audio data stream and assemble corresponding audio

4 packets.

1 49.   (New) The data modem of claim 47, further comprising an address filter coupled

2 to the data selector and the video queue.

1 50.   (New) The data modem of claim 48, further comprising an address filter coupled

2 to the data selector, the video queue, the associated data queue, and the audio queue, the

3 address filter to specify a data stream destination address.

1 51. (New) A computer system, comprising:

2   a data modem to receive signals, the signals comprising a video data stream and

3 an associated data stream synchronized to the video data stream, the associated data

4 stream specifying at least one graphical command, the video stream being coded in a

5 series of video scan intervals of the signals and the data stream being coded in a series of

6 nonvideo scan intervals of the signals; and

7   a display device coupled to the data modem, the associated data stream also

8 specifying a graphical object for display on a portion of a display device, the display

9 device to perform a graphical operation on the portion of the display device defined by

10 the at least one graphical command.

1 52. (New) The computer system of claim 51, further comprising a graphics display

2 subsystem coupled between the data modem and the display device, the graphics display

3 subsystem to drive the display device.

1 53. (New) The computer system of claim 51, further comprising an audio device

2 coupled to the data modem, the audio device to receive an audio stream synchronized to

3 the video data stream.

1 54. (New) The computer system of claim 53, wherein the audio stream comprises

2 analog audio signals and wherein the computer system further comprises an audio

3 subsystem coupled between the data modem and the audio device, the audio subsystem to

4 receive digitized audio data and generate the analog audio signals.

1 55. (New) The computer system of claim 51, wherein the data modem comprises:

2   a data selector to receive the signals and extract the video data stream and the

3 associated data stream from the signals;

4   a video queue coupled to the data selector, the video queue to receive the video

5   data stream and assemble corresponding video packets; and

6   an associated data queue coupled to the data selector to receive the associated data

7   stream and assemble corresponding associated data packets.

1   56.   (New) The computer system of claim 55, wherein the data modem further

2   comprises:

3   an audio queue coupled to the data selector, the data selector to extract an audio

4   data stream from the signals, the audio queue to receive the audio data stream and

5   assemble corresponding audio packets.

1   57.   (New) The computer system of claim 55, further comprising a processor coupled

2   to the data modem, the processor to distribute video packets from the video queue to the

3   display device to generate the video image, the processor to receive associated data

4   packets from the associated data queue and perform the at least one graphical command

5   specified in the associated data packets.

1   58.   (New) An interactive video system, comprising:

2   a receiver; and

3   a computer coupled to the receiver, the computer comprising:

4   a data modem to receive signals, the signals comprising a video data

5   stream and an associated data stream synchronized to the video data stream, the

6   associated data stream specifying at least one graphical command, the video

7   stream being coded in a series of video scan intervals of the signals and the data

8   stream being coded in a series of nonvideo scan intervals of the signals; and

9   a display device coupled to the data modem, the associated data stream

10   also specifying a graphical object for display on a portion of a display device, the

11   display device to perform a graphical operation on the portion of the display

12   device defined by the at least one graphical command.

1   59.   (New) The interactive video system of claim 58 wherein the receiver is a satellite

2   receiver.

1   60.   (New) The interactive video system of claim 58 wherein the receiver is a cable

2   television receiver.

1   61.   (New) The interactive video system of claim 58 wherein the receiver is a

2   television broadcast receiver.

1   62.   (New) A system, comprising:

2   means for receiving a video stream and a data stream synchronized to the video

3   stream, the data stream specifying at least one graphical command, the data stream also

4   specifying a graphical object for display on a portion of a display screen, the video stream

5   being coded in a series of video scan intervals of a video signal and the data stream being

6   coded in a series of nonvideo scan intervals of the video signal;

7   means for receiving an audio stream synchronized to the video stream and playing

8   the audio stream through an audio subsystem of the computer system;

9   means for generating a video scene defined by the graphical object specified in the

10   data stream onto the portion of the display screen of the computer system; and

11   means for performing a graphical operation on the portion of the display screen

12   defined by the at least one graphical command.

1   63.   (New) The system of claim 62, wherein the data stream comprises a series of data

2   packets and wherein the system further comprises means for filtering the series of data

3   packets according to a source address of each data packet.

1   64.   (New) The system of claim 62, wherein the data stream comprises a series of data

2   packets and wherein the system further comprises means for filtering the series of data

3   packets according to a destination address of each data packet.

1   65.   (New) A machine readable medium having stored thereon instructions which

2   when executed by a processor cause the processor to perform the following:

3   receiving a video stream and a data stream synchronized to the video stream, the

4   data stream specifying at least one graphical command, the data stream also specifying a

5   graphical object for display on a portion of a display screen, the video stream being coded

6   in a series of video scan intervals of a video signal and the data stream being coded in a

7   series of nonvideo scan intervals of the video signal;

8   generating a video scene defined by the graphical object specified in the data

9   stream onto the portion of the display screen of the computer system; and

10   performing a graphical operation on the portion of the display screen defined by

11   the at least one graphical command.

1   66.   (New) The machine readable medium of claim 65, further causing the processor

2   to perform the following:

3   receiving an audio stream synchronized to the video stream and playing the audio

4   stream through an audio subsystem of the computer system.

1   67.   (New) The machine readable medium of claim 65, wherein the data stream

2   comprises a series of data packets and wherein the processor further performs the

3   following:

4   filtering the data packets according to one of either a source address and a

5   destination address.